



Biomarker Lead

ABOUT THE COMPANY

QurAlis is a clinical-stage biotechnology company developing breakthrough precision medicines for amyotrophic lateral sclerosis (ALS) and other neurodegenerative diseases with genetically validated targets.

QurAlis is trailblazing the path to conquering amyotrophic lateral sclerosis (ALS) and other neurodegenerative diseases with genetically validated targets with next-generation precision medicines. QurAlis' proprietary platforms and unique biomarkers enable the design and development of drugs that act directly on disease-causing genetic alterations. Founded by an internationally recognized team of neurodegenerative biologists from Harvard Medical School and Harvard University, QurAlis is advancing a deep pipeline of antisense oligonucleotides and small molecule programs including addressing sub-forms of ALS that account for the majority of ALS patients.

Summary of Position:

QurAlis is seeking a highly motivated Biomarker Lead to support and execute its CNS Biomarker discovery program. The Biomarker Lead will develop translational strategies for novel therapeutics to assess pharmacodynamics, patient selection criteria, and mechanism of action. The Biomarker Lead will work closely with the QurAlis scientific and management teams to perform and manage studies in a high quality and scientifically rigorous fashion.

Primary Job Responsibilities:

- Independently plan and execute experiments, and contribute high level scientific neurodegeneration pathways expertise
- Assay development for customized, highly sensitive RNA and protein quantification
- Design and implement discovery plans and oversee the execution
- Analyze data, interpret results, identify problems, and develop creative troubleshooting plans
- Identification and management of contract research vendors and close oversight of contract research studies
- Proactively review the scientific field to identify and share new scientific findings, ideas, and methods with other scientists at QurAlis
- Collaborate with clinical experts at QurAlis to translate biomarker plan
- Communicate effectively across the organization with translational medicine, clinical development, and discovery teams.



- Present research findings internally and externally at scientific meetings/conferences

Minimum Qualifications Required:

- A PhD in cell biology, molecular biology, biochemistry, neuroscience, or a related field
- 3-5 years relevant experience in academic and/or industry (biotech or pharma) settings including experience in neurodegenerative disease mechanisms, molecular biology, drug discovery and assay development. Previous biofluid biomarker or bioanalytical assay development experience is required.
- Proven track record of scientific excellence as evidenced by high impact, peer reviewed publications
- Proactive, willingness to contribute to bench work in the lab
- Ability to work independently and collaboratively in cross-functional teams
- Strong organizational skills, work ethic, and high-level motivation
- Capacity to be highly productive in a dynamic and fast-paced work environment
- Comfortable working in and leading matrix team
- Excellent oral, written and interpersonal communication skills
- Authorized to work legally in the United States

Additional Qualifications Desired:

- Hands-on experience developing and troubleshooting customized RNA or protein high throughput assays
- Expertise in extracellular vesicle isolation methods from biofluids or cell culture media
- Previous experience managing multiple outsourced projects while maintaining timelines and milestones
- Experience progressing an assay from development to analytical validation

Please send resume with cover letter to anna.beck@quralis.com.

QurAlis is committed to equal employment opportunity and non-discrimination for all employees and qualified applicants without regard to a person's race, color, gender, age, religion, national origin, ancestry, disability, veteran status, genetic information, sexual orientation or any characteristic protected under applicable law. QurAlis will make reasonable accommodations for qualified individuals with known disabilities, in accordance with applicable law.